JOINT INFORMATION ENGINEERING ORGANIZATION

Parkridge III, 10701 Parkridge Boulevard, Reston, VA 20191 SYMBOLOGY STANDARDS MANAGEMENT COMMITTEE DIRECTIVE

SSMC NO: 3-01		Date: August 24, 2001
CP No: MIL00-18B	Title: Add l	Rectangular Zone of Responsibility
Originator, Name and Address:		
Army/PM EFCCS		
SSMC Action:		Decision:
☐ Approved ☐ Approved with Changes ☐ Withdrawn ☐ Deferred ☐ Declared Substantive		Approved as modified. See attached CP for approved modifications.
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	C MA NC EO	Chairperson May One Ondersen (Signature)

SYMBOLOGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM									
CHANGE PROPOSAL NUMBER MIL00-18B									
ORIGINATOR	SPONSOR DATE RECEIVED DATE OF ACTION								
PM FATDS	ARMY 1 September 2000 August 23, 2001								
CHANGE PROPOSAL TITLE									
ADD NEW SYMBOL, ZONE OF RESPONSIBILITY (ZOR), RECTANGULAR									
SUGGESTED CHANGE									

The Fire Support community has a requirement to add a new symbol to MIL-STD-2525B.

- 1. The purpose of the Rectangular Zone of Responsibility symbol is to graphically display to commanders in the Common Operational Picture (COP)/Common Tactical Picture (CTP) an enclosed area of the battlefield that is controlled by a specific unit, from a fire support perspective.
- 2. Recommend adding to hierarchy item 2.X.4, Fire Support, under the "Areas", "Target Acquisition Zones" hierarchy, 2.X.4.3.3, figure B-17, and table B-IV.

OVERVIEW

Currently, the standard does not contain a symbol depicting rectangular Zones of Responsibility (ZOR). The purpose of the rectangular Zone of Responsibility symbol is to graphically display to commanders and operators the geometry used within the fire support system to designate an enclosed area of the battlefield that is controlled by a specific unit (from a fire support perspective), usually a Fire Support Element. Incorporation into MIL STD 2525B, which will be used in JMTK and GSD, will allow the symbols to be transmitted/received by all battlefield system. The rectangular Zone of Responsibility is a required symbol for use in the COP/CTP to be shared across the battlefield. The development of the COP/CTP is required of all ABCS component systems. Fire Support systems are the producer of rectangular Zone of Responsibility for the COP/CTP. Fire Support systems will retain this capability for fielding throughout the Army and USMC.

OPERATIONAL DESCRIPTION

In general, the purpose of the Zone of Responsibility symbol is used within the fire support system to designate an enclosed area of the battlefield that is controlled by a specific unit (from a fire support perspective), usually a maneuver Fire Support Element. Two (2) point locations and a width are required to graphically display a rectangular Zone of Responsibility. The minimum information required to interoperate with another is defined below.

IMPLEMENTATION

Description: Fire Support, Area, Zone of Responsibility, Rectangular

Parameters:

- 1. Anchor Points. This graphic requires two anchor points and a width, defined in meters, to define the boundary of the area. Points 1 and 2 will be located in the center of two opposing sides of the rectangle.
- 2. Size/Shape. Size: As determined by the anchor points. The anchor points determine the length of the rectangle. The width, defined in meters, will determine the width of the rectangle. Shape: Rectangle. The information fields should be moveable and scaleable.

3. Orientation. As determined by the anchor points.

Fixed/Dynamic: Dynamic

Hierarchy: 2.X.4.3.3.7.2

Symbol ID: G*F*AZZR--***X

		URATION MANAGEMENT	Γ							
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CHANGE PROPOSAL TITLE										
ADD NEW S	YMBOL, ZONE OF RES I	PONSIBILITY (ZOR), REC	TANGULAR							
Tactica	l Graphic:	<u>E</u> 2	xample:							
W ZOR ZOR 3BDE 4ID										
	JIEO A	NALYSIS								
CONFORMANCE TO SY	S WITH EXISTING SYN	1BOLOGY:								
	C/S/A CO	OMMENTS								
	DECISIO	ON NOTICE								

SSMC 3-01: Approved as amended. MIL00-18A amended by adding text to point out that width will be defined in meters. See parameters and graphic example above and the example of Table B-IV in attachment A.

Tasks:

1. Modify Figure B-17 to reflect new hierarchy structure (Figure B-17 becomes Figures B-17.1 and B-17.2) and addition of new Fire Support graphics.

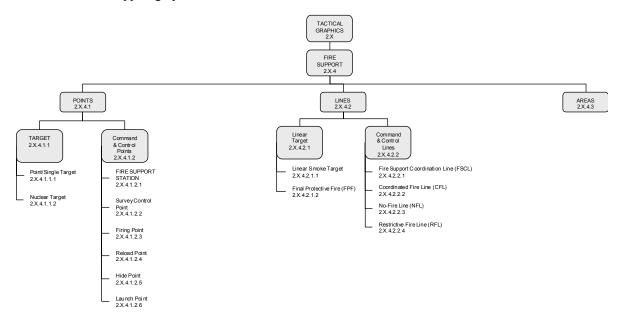


Figure B-17.1. Fire Support.

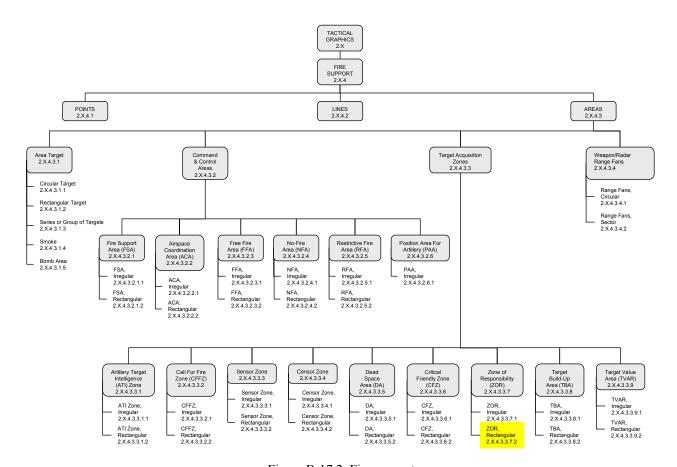


Figure B-17.2. Fire support.

2. Modify Table B-III to reflect restructured hierarchy numbers, provide new symbol IDs for restructured graphics and addition of new graphics' hierarchy numbers and symbol IDs.

HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS		FUNCTION ID	SIZE/MOBILITY	COUNTRY CODE	ORDER OF BATTLE	DESCRIPTION	
2.X.4	G	*	F	*			 **	**	Χ	FIRE SUPPORT	
2.X.4.1	G	*	F	*	P-		 **	**	Χ	POINT	
2.X.4.1.1	G	*	F	*	PT		 **	**	Χ	TARGET	
2.X.4.1.1.1	G	*	F	*	PT	S-	 **	**	Χ	POINT/SINGLE TARGET	
2.X.4.1.1.2	G	*	F	*	PT	N-	 **	**	Х	NUCLEAR TARGET	
2.X.4.1.2	G	*	F	*	PC		 **	**	Х	COMMAND AND CONTROL	
2.X.4.1.2.1	G	*	F	*	PC	F-	 **	**	Χ	FIRE SUPPORT STATION	
2.X.4.1.2.2	G	*	F	*	PC	S-	 **	**	Х	SURVEY CONTROL POINT (SCP)	
2.X.4.1.2.3	G	*	F	*	PC	B-	 **	**	Х	FIRING POINT	
2.X.4.1.2.4	G	*	F	*	PC	R-	 **	**	Х	RELOAD POINT	
2.X.4.1.2.5	G	*	F	*	PC	H-	 **	**	Χ	HIDE POINT	
2.X.4.1.2.6	G	*	F	*	PC	L-	 **	**	Χ	LAUNCH POINT	
2.X.4.2	G	*	F	*	L-		 **	**	Χ	LINES	
2.X.4.2.1	G	*	F	*	LT		 **	**	Χ	LINEAR TARGET	
2.X.4.2.1.1	G	*	F	*	LT	S-	 **	**	Χ	LINEAR SMOKE TARGET	
2.X.4.2.1.2	G	*	F	*	LT	F-	 **	**	Χ	FINAL PROTECTIVE FIRE (FPF)	
2.X.4.2.2	G	*	F	*	LC		 **	**	Χ	COMMANDAND CONTROL	
2.X.4.2.2.1	G	*	F	*	LC	F-	 **	**	Χ	FIRE SUPPORT COORDINATION LINE (FSCL)	
2.X.4.2.2.2	G	*	F	*	LC	C-	 **	**	Χ	COORDINATED FIRE LINE (CFL)	
2.X.4.2.2.3	G	*	F	*	LC	N-	 **	**	Χ	NO-FIRE LINE (NFL)	
2.X.4.2.2.4	G	*	F	*	LC	R-	 **	**	Χ	RESTRICTIVE FIRE LINE (RFL)	
2.X.4.3	G	*	F	*	A-		 **	**	Χ	AREAS	
2.X.4.3.1	G	*	F	*	AT		 **	**	Χ	AREA TARGET	
2.X.4.3.1.1	G	*	F	*	AT	C-	 **	**	Χ	CIRCULAR TARGET	
2.X.4.3.1.2	G	*	F	*	AT	R-	 **	**	Χ	RECTANGULAR TARGET	
2.X.4.3.1.3	G	*	F	*	ΑT	G-	 **	**	Χ	SERIES OR GROUP OF TARGETS	
2.X.4.3.1.4	G	*	F	*	ΑT	S-	 **	**	Χ	SMOKE	
2.X.4.3.1.5	G	*	F	*	ΑT	B-	 **	**	Χ	BOMB AREA	
2.X.4.3.2	G	*	F	*	AC		 **	**	Χ	COMMAND AND CONTROL	
2.X.4.3.2.1	G	*	F	*	AC	S-	 **	**	Х	FIRE SUPPORT AREA (FSA)	
2.X.4.3.2.1.1	G	*	F	*	AC	SI	 **	**	Χ	FIRE SUPPORT AREA (FSA), IRREGULAR	
2.X.4.3.2.1.2	G	*	F	*	AC	SR	 **	**	Х	FIRE SUPPORT AREA (FSA), RECTANGULAR	
2.X.4.3.2.2	G	*	F	*	AC	A-	 **	**	Χ	AIRSPACE COORDINATION AREA (ACA)	
2.X.4.3.2.2.1	G	*	F	*	AC	ΑI	 **	**	Х	AIRSPACE COORDINATION AREA (ACA), IRREGULAR	
2.X.4.3.2.2.2	G	*	F	*	AC	AR	 **	**	Х	AIRSPACE COORDINATION AREA (ACA), RECTANGULAR	
2.X.4.3.2.3	G	*	F	*	AC	F-	 **	**	Х	FREE FIRE AREA (FFA)	
2.X.4.3.2.3.1	G	*	F	*	AC	FI	 **	**	Х	FREE FIRE AREA (FFA), IRREGULAR	
2.X.4.3.2.3.2	G	*	F	*	AC	FR	 **	**	X	FREE FIRE AREA (FFA), RECTANGULAR	
2.X.4.3.2.4	G	*	F	*	AC	N-	 **	**	X	NO-FIRE AREA (NFA)	
2.X.4.3.2.4.1	G	*	F	*	AC	NI	 **	**	X	NO-FIRE AREA (NFA), IRREGULAR	
2.X.4.3.2.4.1 2.X.4.3.2.4.2	G	*	F	*	AC	NR	 **	**	X	NO-FIRE AREA (NFA), RECTANGULAR	
2.X.4.3.2.5	G	*	F	*	AC	R-	 **	**	X	RESTRICTIVE FIRE AREA (RFA)	
2.X.4.3.2.5.1	G	*	F	*	AC	RI	 **	**	X	RESTRICTIVE FIRE AREA (RFA) RESTRICTIVE FIRE AREA (RFA), IRREGULAR	
2.X.4.3.2.5.1 2.X.4.3.2.5.2	G	*	F	*	AC	RR	 **	**	X	RESTRICTIVE FIRE AREA (RFA), IRREGULAR RESTRICTIVE FIRE AREA (RFA), RECTANGULAR	
2.X.4.3.2.6	G	*	F	*	AC	P-	 **	**	X	POSITION AREA FOR ARTILLERY (PAA)	
2.X.4.3.2.6.1	G	*	F	*	AC	PI	 **	**	X	POSITION AREA FOR ARTILLERY (PAA),	
Z.A.4.3.Z.0. I	U	l	г		AC	ΓI			_ ^	FUSITION AREA FUR ARTILLERT (PAA),	

HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS		FUNCTION ID	SIZE/MOBILITY	COUNTRY CODE	ORDER OF BA	DESCRIPTION	
	(-)						Y	Œ	BATTLE	VDD504WAD	
2.X.4.3.3	G	*	F	*	A 7		**	**	Χ	IRREGULAR TARGET ACQUISITION ZONES	
2.X.4.3.3 2.X.4.3.3.1	G	*	F	*	AZ AZ	 -	 **	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE	
2.X.4.3.3.1.1	G	*	F	*	AZ	II	 **	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, IRREGULAR	
2.X.4.3.3.1.2	G	*	F	*	AZ	IR	 **	**	Х	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, RECTANGULAR	
2.X.4.3.3.2	G	*	F	*	ΑZ	X-	 **	**	Х	CALL FOR FIRE ZONE (CFFZ)	
2.X.4.3.3.2.1	G	*	F	*	ΑZ	ΧI	 **	**	Χ	CALL FOR FIRE ZONE (CFFZ), IRREGULAR	
2.X.4.3.3.2.2	G	*	F	*	ΑZ	XR	 **	**	Χ	CALL FOR FIRE ZONE (CFFZ), RECTANGULAR	
2.X.4.3.3.3	G	*	F	*	ΑZ	S-	 **	**	Χ	SENSOR ZONE	
2.X.4.3.3.3.1	G	*	F	*	ΑZ	SI	 **	**	Х	SENSOR ZONE, IRREGULAR	
2.X.4.3.3.3.2	G	*	F	*	AZ	SR	 **	**	Х	SENSOR ZONE, RECTANGULAR	
2.X.4.3.3.4	G	*	F	*	AZ	C-	 **	**	X	CENSOR ZONE	
2.X.4.3.3.4.1	G	^	F	*	AZ	CI	 **	**	X	CENSOR ZONE, IRREGULAR CENSOR ZONE, RECTANGULAR	
2.X.4.3.3.4.2	G	*	F	*	AZ AZ	CR D-	 **	**	X		
2.X.4.3.3.5 2.X.4.3.3.5.1	G	*	F	*	AZ	DI	 **	**	X		
2.X.4.3.3.5.1	G	*	F	*	AZ	DR	 **	**	X	DEAD SPACE AREA (DA), IRREGULAR DEAD SPACE AREA (DA), RECTANGULAR	
2.X.4.3.3.6	G	*	F	*	AZ	F-	 **	**	X	CRITICAL FRIENDLY ZONE (CFZ)	
2.X.4.3.3.6.1	G	*	F	*	AZ	FI	 **	**	X	CRITICAL FRIENDLY ZONE (CFZ), IRREGULAR	
2.X.4.3.3.6.2	G	*	F	*	AZ	FR	 **	**	Х	CRITICAL FRIENDLY ZONE (CFZ), INCEGULAR CRITICAL FRIENDLY ZONE (CFZ), RECTANGULAR	
2.X.4.3.3.7	Ğ	*	F	*	AZ	Z-	 **	**	Х	ZONE OF RESPONSIBILITY (ZOR)	
2.X.4.3.3.7.1	G	*	F	*	AZ	ZI	 **	**	Х	ZONE OF RESPONSIBILITY (ZOR), IRREGULAR	
2.X.4.3.3.7.2	G	*	F	*	AZ	ZR	 **	**	X	ZONE OF RESPONSIBILITY (ZOR), RECTANGULAR	
2.X.4.3.3.8	G	*	F	*	ΑZ	B-	 **	**	Х	TARGET BUILD-UP AREA (TBA)	
2.X.4.3.3.8.1	G	*	F	*	ΑZ	BI	 **	**	Χ	TARGET BUILD-UP AREA (TBA), IRREGULAR	
2.X.4.3.3.8.2	G	*	F	*	ΑZ	BR	 **	**	Χ	TARGET BUILD-UP AREA (TBA), RECTANGULAR	
2.X.4.3.3.9	G	*	F	*	AZ	V-	 **	**	Х	TARGET VALUE AREA (TVAR)	
2.X.4.3.3.9.1	G	*	F	*	AZ	VI	 **	**	Х	TARGET VALUE AREA (TVAR), IRREGULAR	
2.X.4.3.3.9.2	G	*	F	*	AZ	VR	 **	**	X	TARGET VALUE AREA (TVAR), RECTANGULAR	
2.X.4.3.4	G	*	F	*	AX		 **	**	X	WEAPON/RADAR RANGE FAN	
2.X.4.3.4.1	G	*	F	*	AX AX	C- S-	 **	**	X	WEAPON/RADAR RANGE FAN, CIRCULAR	
2.X.4.3.4.2	G		-		AX	5-	 l ""	~ ~	X	WEAPON/RADAR RANGE FAN, SECTOR	

3. Modify and amend Table B-IV as needed to agree with Figure B-17.1, B-17.2 and Table B-III as shown above.

DESCRIPTION	STATIC/ DYNAMIC	HIERARCHY SYM-ID	TACTICAL GRAPHIC
FIRE SUPPORT AREAS TARGET ACQUISITION ZONES ZONE OF RESPONSIBILITY (ZOR)	N/A	2.X.4.3.3.7	
FIRE SUPPORT AREAS TARGET ACQUISITION ZONES ZONE OF RESPONSIBILITY (ZOR) IRREGULAR Parameters 1. Anchor points. This graphic requires a minimum of three anchor points to define the boundary of the area. Add as many points as necessary to accurately reflect the area's size and shape. 2. Size/Shape. Determined by the anchor points. The information fields should be moveable and scaleable within the area. 3. Orientation. Not applicable.	D	2.X.4.3.3.7.1 G*FPAZZI ****X Example	ZOR T W W1 ZOR 3BDE 4ID
FIRE SUPPORT AREAS TARGET ACQUISITION ZONES ZONE OF RESPONSIBILITY (ZOR) RECTANGULAR Parameters 1. Anchor Points. This graphic requires two anchor points and a width, defined in meters, to define the boundary of the area. Points 1 and 2 will be located in the center of two opposing sides of the rectangle. 2. Size/Shape. Size: As determined by the anchor points. The anchor points determine the length of the rectangle. The width, defined in meters, will determine the width of the rectangle. Shape: Rectangle. The information fields should be moveable and scaleable. 3. Orientation. As determined by the anchor points.	D	2.X.4.3.3.7.2 G*FPAZZR ****X Example	ZOR 3BDE 4ID